

Figure 1

Benfield et al.
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to Topographic Networks
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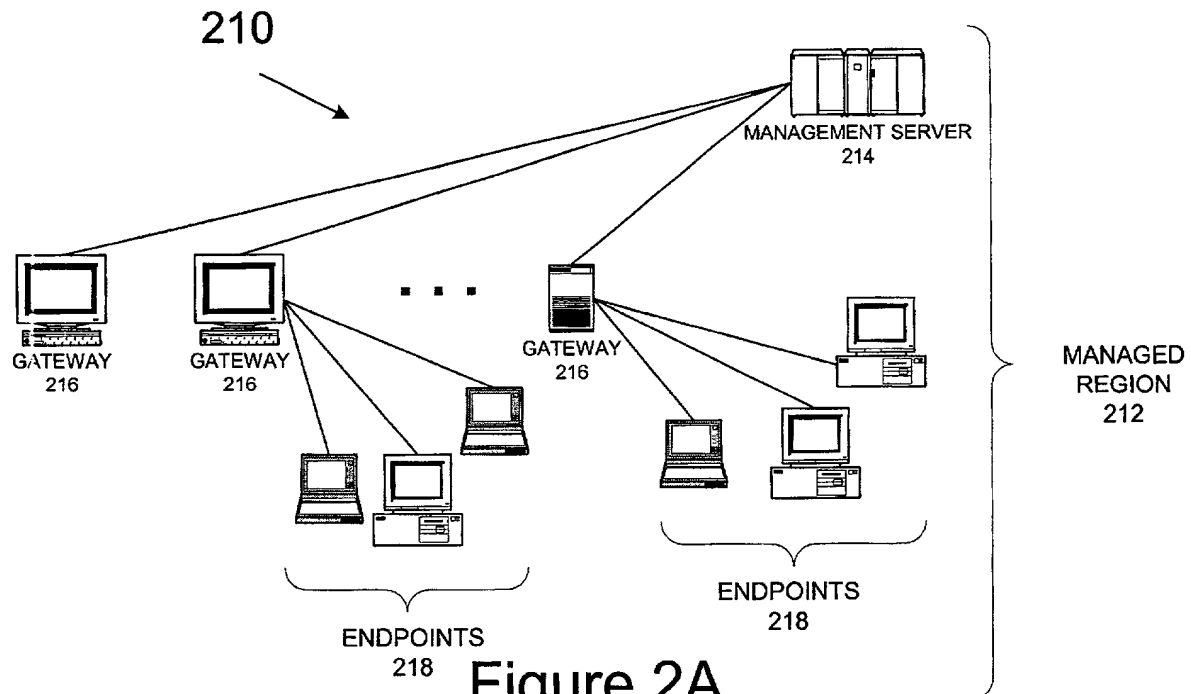


Figure 2A

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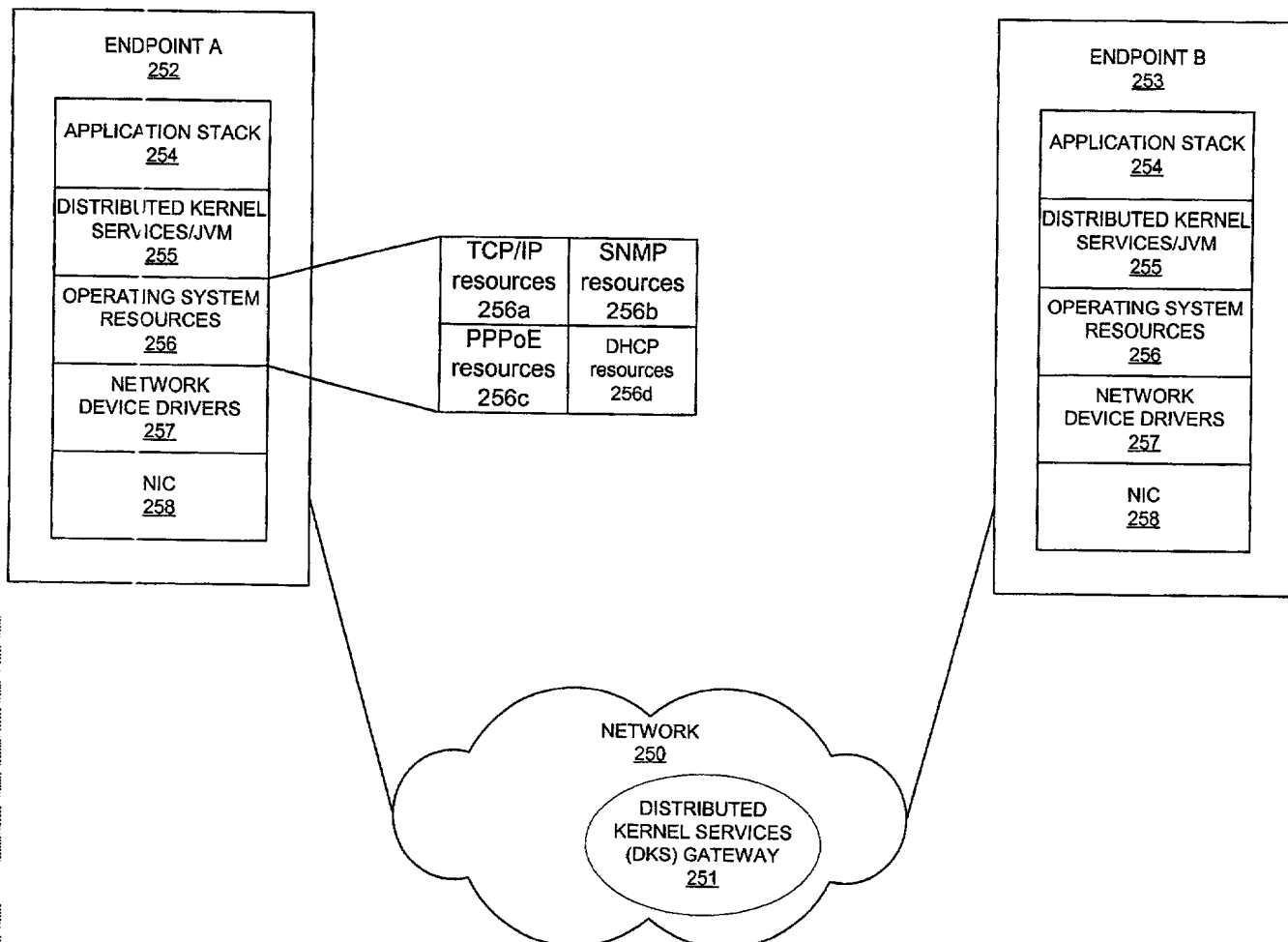


Figure 2B

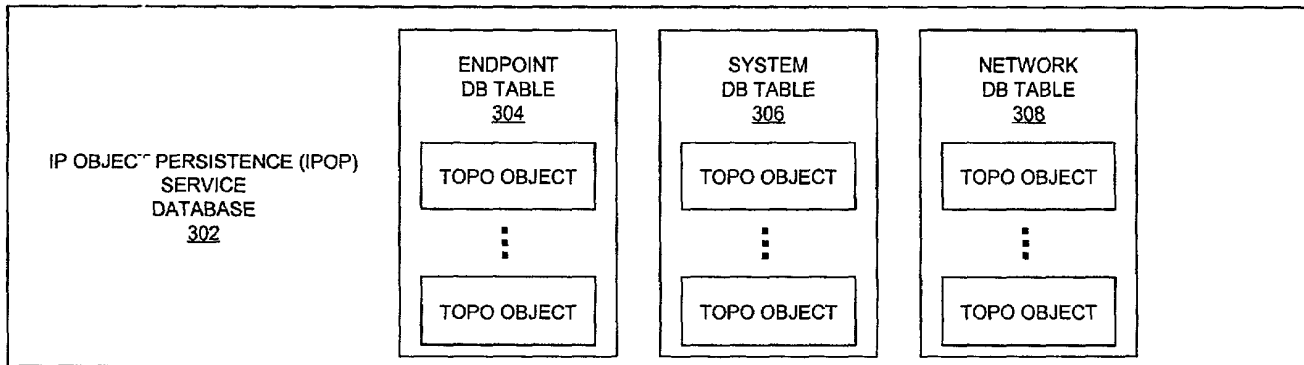


Figure 3

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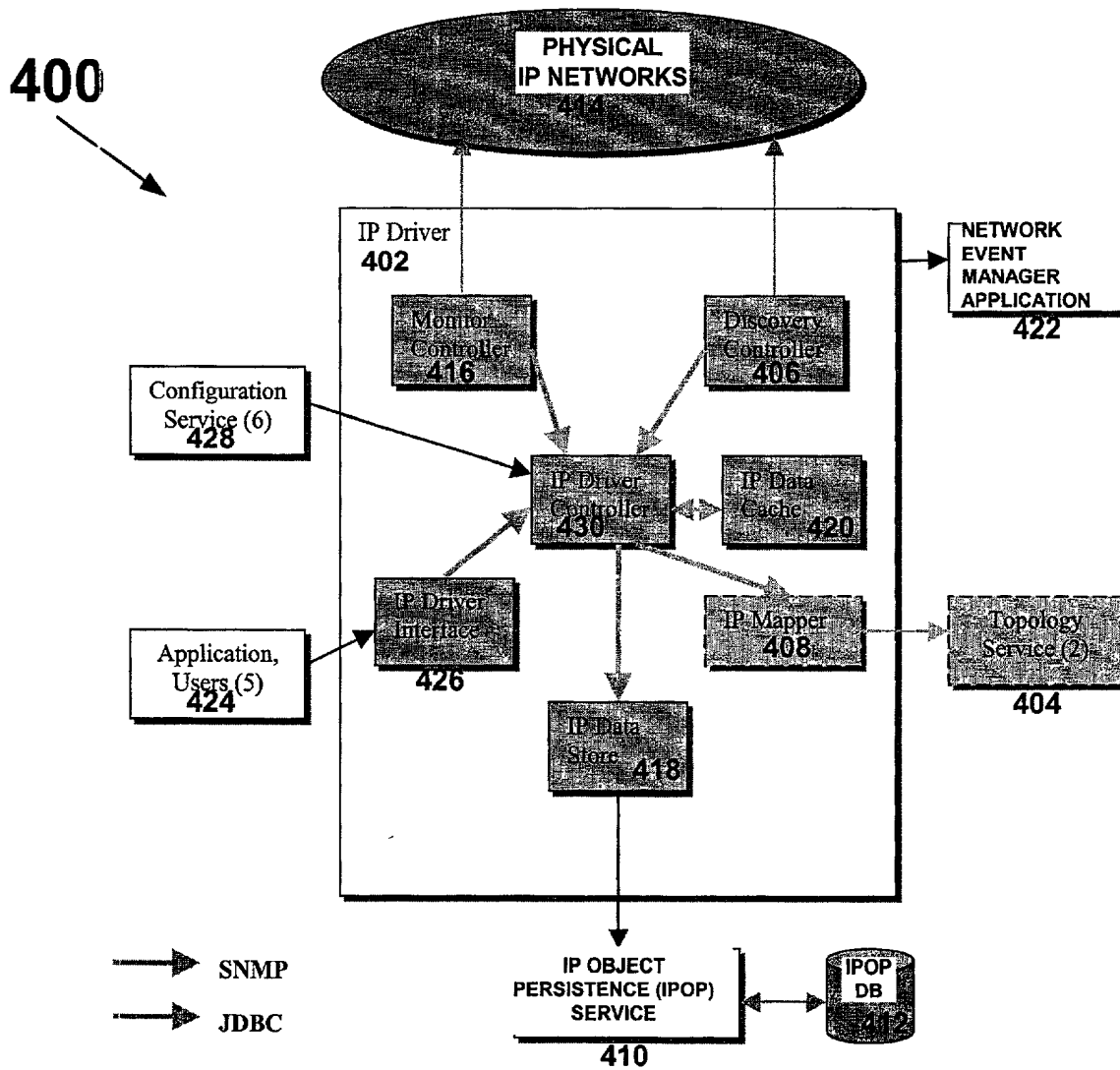


Figure 4
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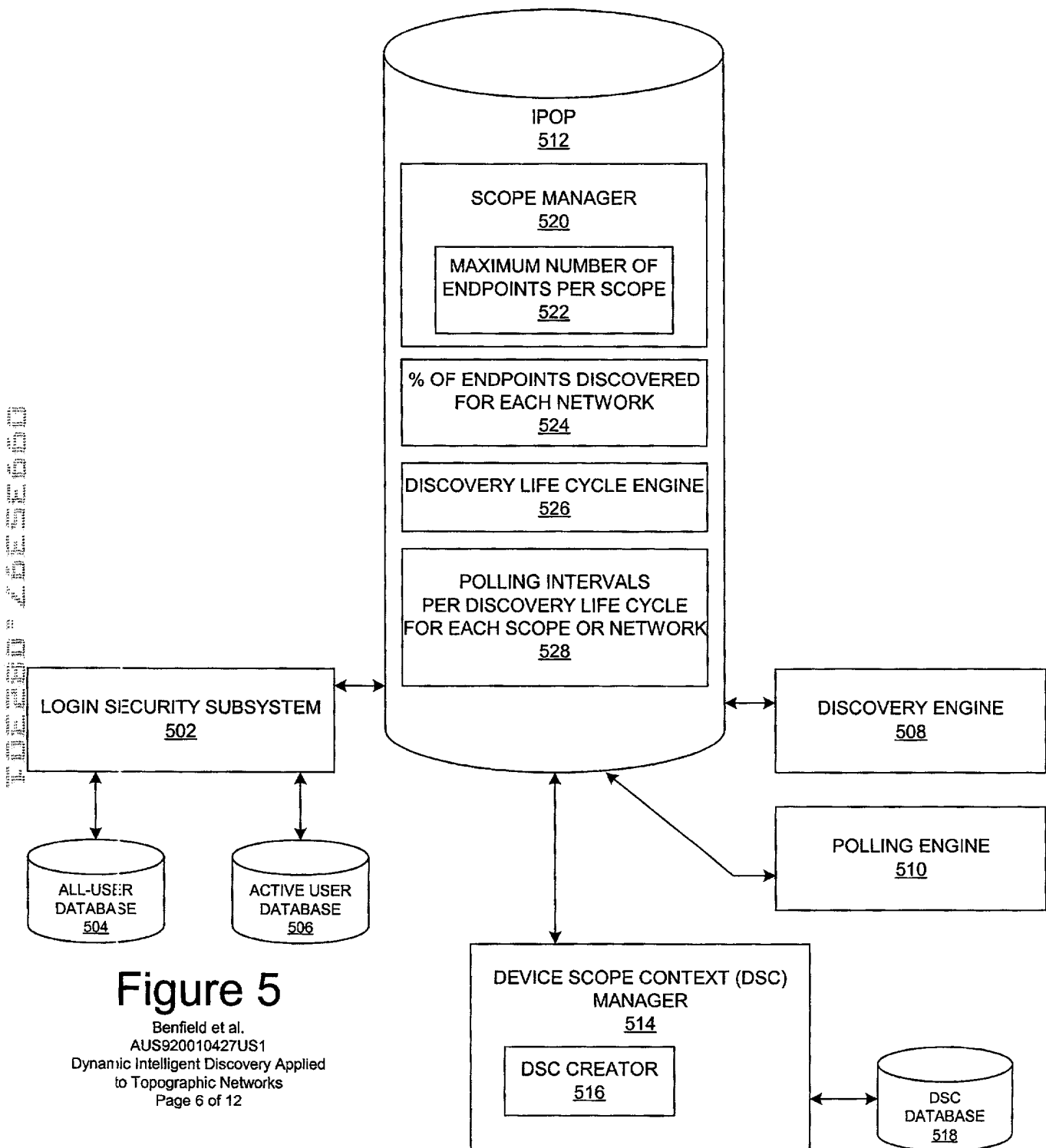


Figure 5

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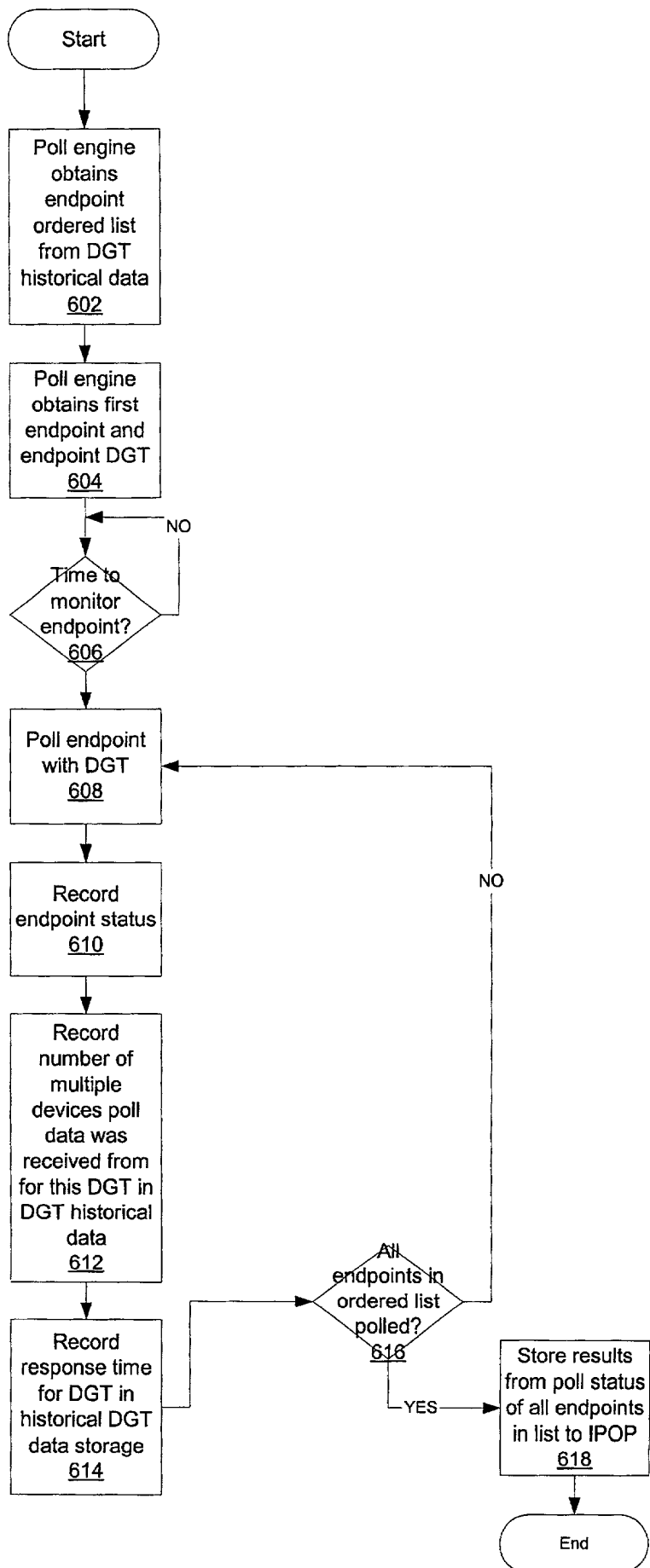


Figure 6

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Network Management Application

700

ADAPTIVE DATA GATHERING

DATA GATHERING ORDER

704

SNMP all Device connected to Network

SNMP routers only

Ping Spread

PPPoE

705

☒

SNMP Retries allowed

5

706

707

☐

IP Ping retries allowed

2

708

709

☐

PPPoE retries allowed

0

710

711

☐

Switch to IP ring when number of devices in SNMP tables is less than

5

712

713

☐

Switch to IP ring when number of devices in network left to discover is

2

714

715

☐

Switch to IP ring when time of single SNMP query exceeds

0

ms

716

717

☐

Enable mixture of SNMP and IP ring queries

702

SET

CLEAR

718

720

Figure 7

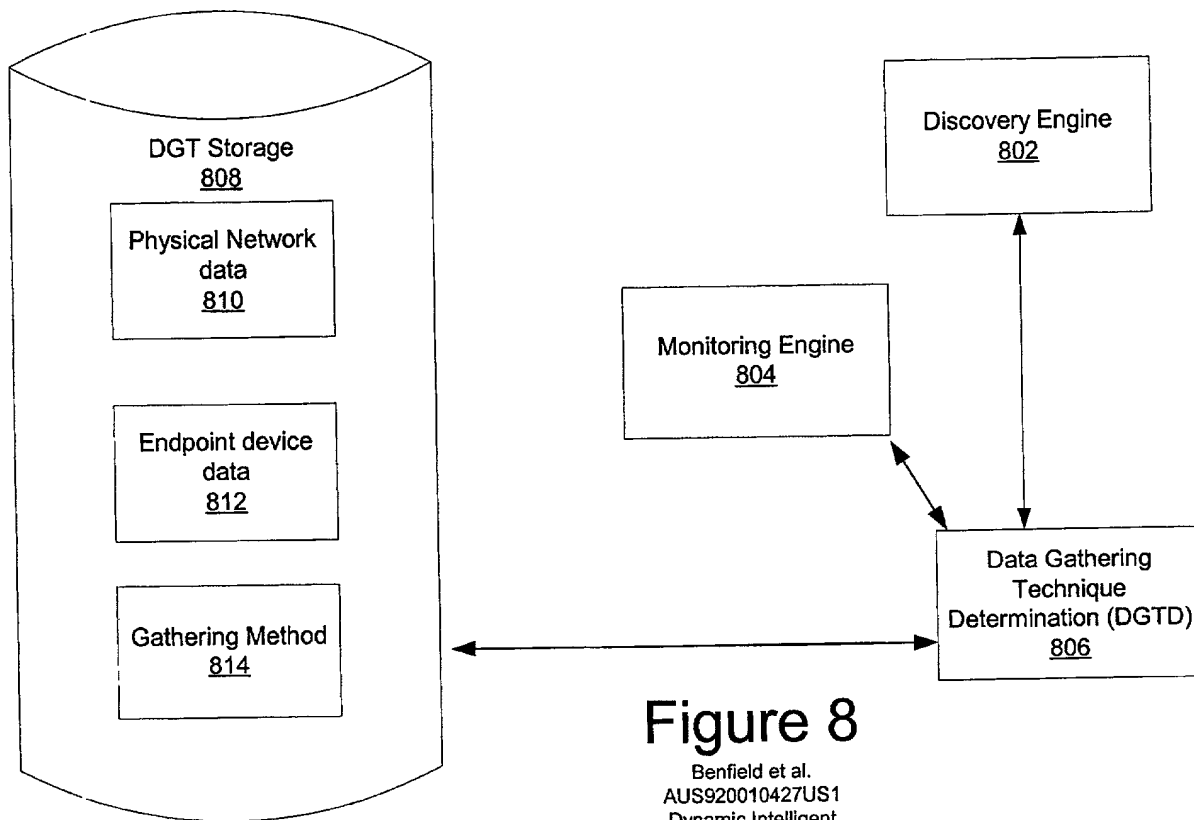


Figure 8

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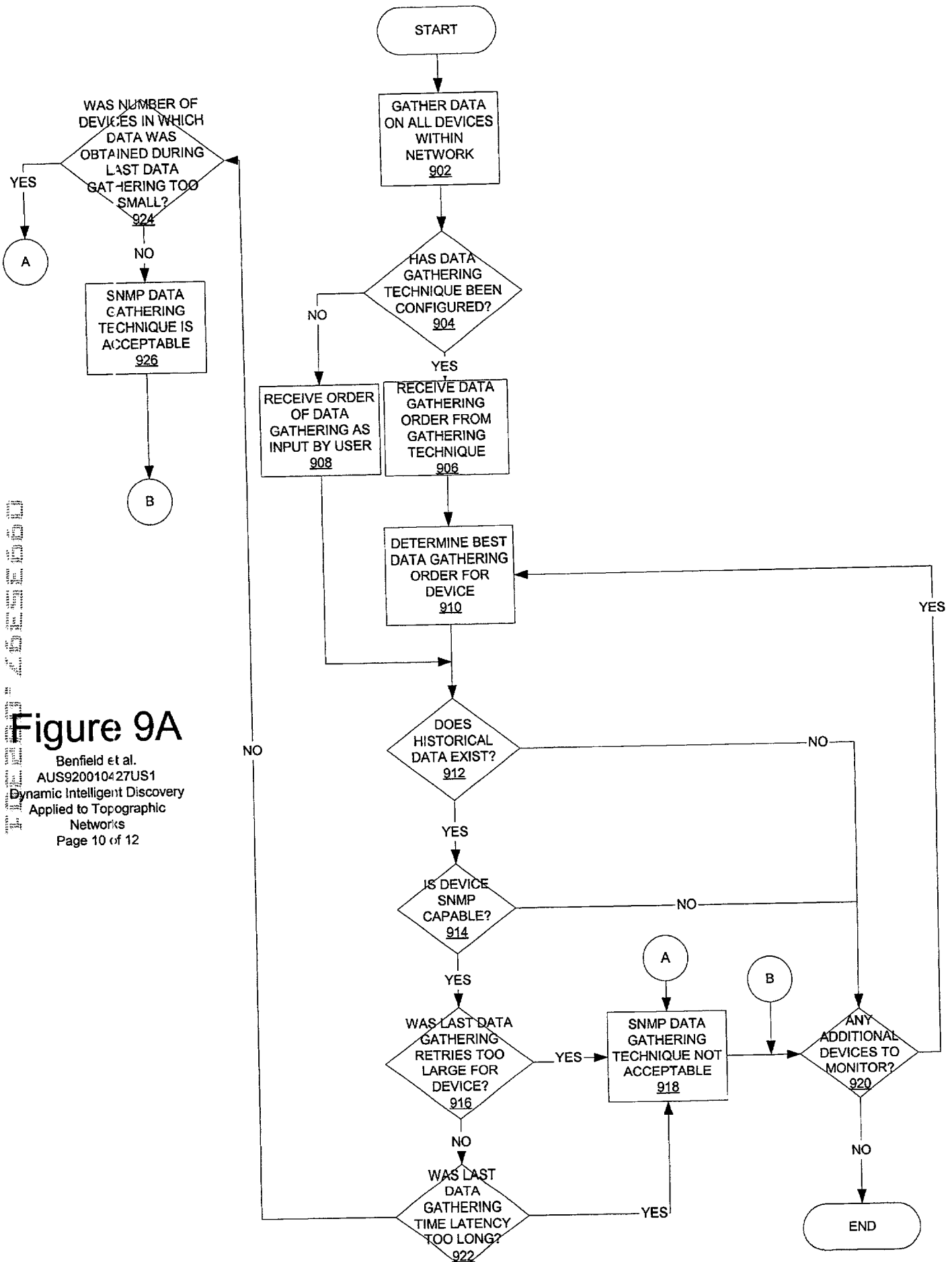
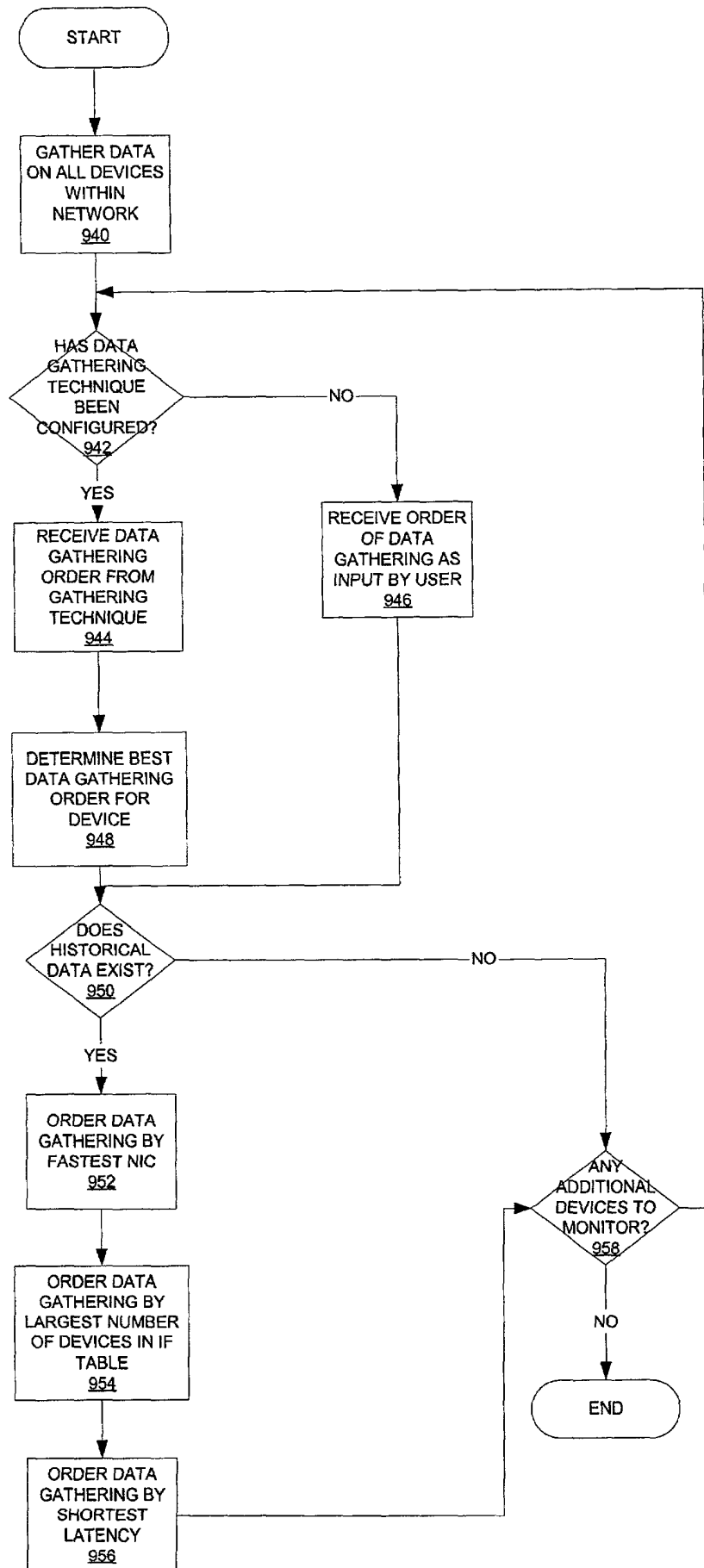


Figure 9A

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Figure 9B

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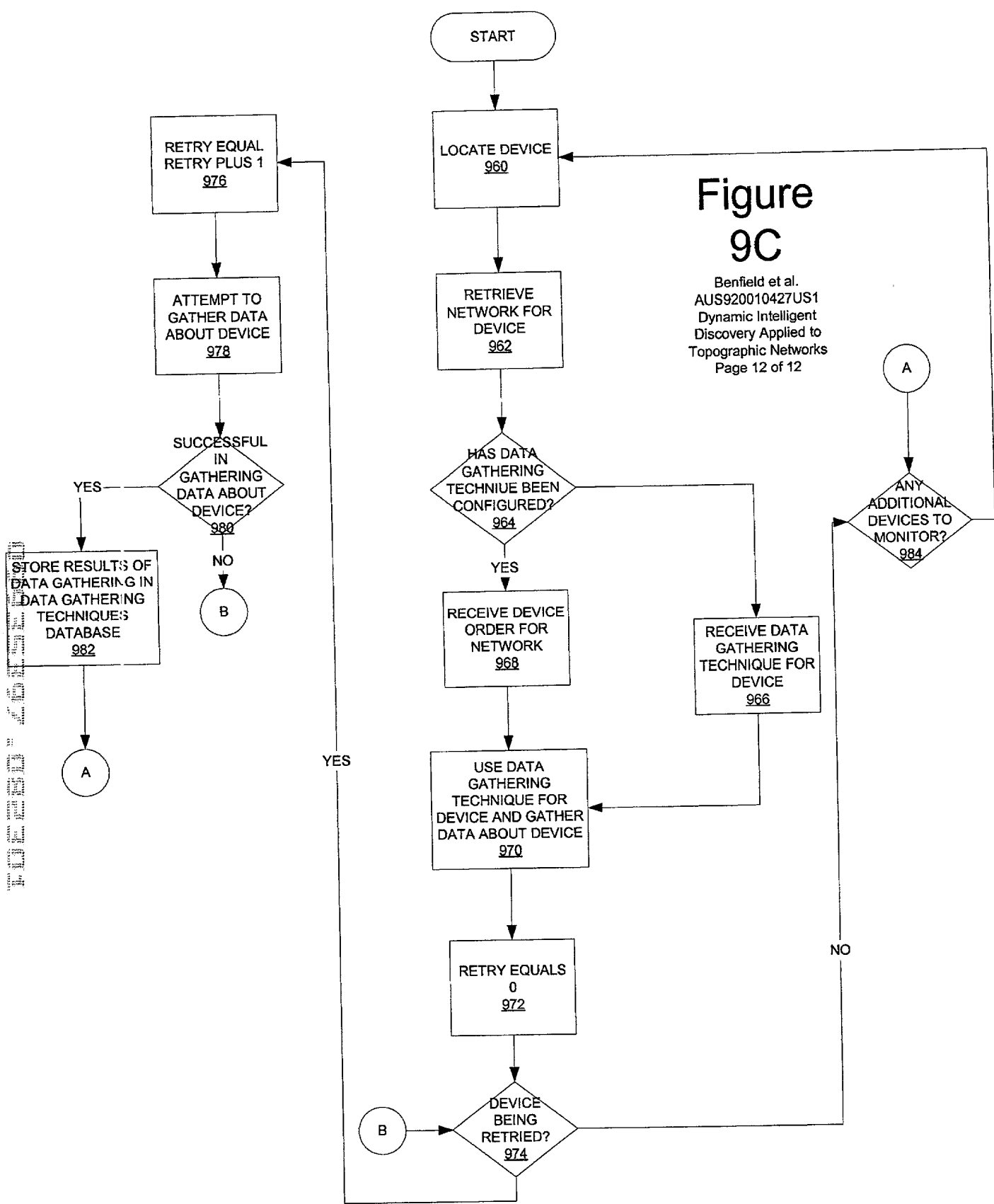


Figure 9C

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